

# ROSA<sup>™</sup> UPS Battery Maintenance – HFC Network Monitoring

### Description

The ROSA<sup>™</sup> Element Manager's UPS Battery Maintenance Task tests the Uninterruptible Power Supply (UPS) batteries' discharge at scheduled times and shows the status in an overview.

Batteries and UPS systems are the most vulnerable elements in today's HFC networks; to assure good operation maintenance is a requirement. The UPS Battery Maintenance Task automates this maintenance and reports the battery status in the ROSA management system.

The task is able to work with all power supply systems that are monitored by means of a standard SCTE-HMS UPS monitoring transponder. The UPS transponder is currently supported, other transponder types can be obtained on request.

	UPS Settings								x
	General								
	Max. Test Cycl	e Time: 1		min					
	Scheduler	Ē							
	Testing en	abled							
	Battery string								
	String Voltage	Threshold:	20.00	v					
	Batteries								
	Battery 1 Volta	ge Threshold: 1	0.00	V	Battery	5 Voltage Th	eshold: 10	.00 V	
	Battery 2 Volta	ge Threshold: 1	0.00	v	Battery	6 Voltage Th	eshold: 10	.00 V	
	Battery 3 Volta	ge Threshold: 1	0.00	v	Battery	7 Voltage Th	eshold: 10	.00 V	
	Battery 4 Volta	ge Threshold: 1	0.00	v	Battery	8 Voltage Th	reshold: 10	.00 V	
20 message(s) for	UPS Battery Monit	oring Task at I	BNBELUI	WFIVD (20	loaded)				
eneration Time	∆ Msg Info		Sc	ource Name		Msg Type	Msg Leve	I Msg Subjec	t 🔺
24/05/2002 10:08:	41 The UPS switche	d back autonomo	usly UF	PS Battery Mo	nitoring Tasl	Equipment	Major	UPS test fai	led:
24/05/2002 10:11:				PS Battery Mo			Major	UPS test fai	
24/05/2002 10:12:	36 The thresholds we	are violated	UF	PS Battery Mo	initoring Task	Equipment	Major	UPS test fai	led 👻
<u> </u>									<u> </u>
lame	Value	Unit		Severity	Sta	us			
<b>∂</b> Duration	01m 01s			Information					
BatteryVoltage1	19.9(25.0)	V		Major					
Rattenik/oltane2	19 9(19 0)	V		Information					-

#### Features

- Instant status report on the batteries
- Long term evaluation of batteries
- No network availability risk in case of real power failure
- Comprehensive reports
- HMS UPS transponder supported, others are on request

# **ROSA UPS Battery Maintenance**



## **Specifications**

Additional Features	
User Interface tabs	
Task Control	Allows starting and stopping the task. The task can also start automatically after a server reboot.
Configuration	Adding the monitored UPS batteries with a simple drag-and-drop operation. Definition of the UPS battery parameters, together with the schedule used to test on a regular base.
Report	Gives an overview of the results on the performed tests. In case of a failed test, additional information is given to determine the cause of failure
License	Server based license (see ROSA documentation). Enabled by the supply of the necessary license key.
Installation	From ROSA CD

Requirements	
ROSA	Installation of ROSA 3.0 or later version
Server	See ROSA User's Guide for information

## **Ordering Information**

HFC Network Monitoring	Part Number
UPS Battery Maintenance Task	V9529787



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